

## EAST Search History

### EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1230	123/193.2.ccls. or 29/888.061.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2010/05/06 10:22
L9	939	123/193.2.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2010/05/06 10:39
L10	27	L9 and ((liner or sleeve) same (egg or arc or elliptical or ellipse or oval or non \$1circular))	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2010/05/06 10:39
L11	9	("20030056645"   "20030084567"   "20050005891"   "20050161014"   "20070012179"   "20070012180"   "20070240652"   "5749331"   "7171935").PN. OR ("7533647").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 10:41
L13	1436	"I12" and ((egg or arc or elliptical or ellipse or oval or non\$circular))	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2010/05/06 10:44

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	4529	((cylinder near4 (sleeve or liner)) same (undercut or segment or project \$3 or elevat\$3 or thickness or var\$4 or constant or depth))	USPAT; UPAD	ADJ	ON	2010/05/06 10:22
L3	540	123/193.2.ccls. or 29/888.061.ccls.	USPAT; UPAD	ADJ	ON	2010/05/06 10:23

L4	152	I2 and I3	USPAT; UPAD	OR	ON	2010/05/06 10:23
L5	4	("3389693").PN. OR ("4127058"). URPN.	US-PGPUB; USPAT	OR	ON	2010/05/06 10:26
L6	18	("4337735"   "4856462"   "4905642").PN. OR ("5005469").URPN.	US-PGPUB; USPAT	OR	ON	2010/05/06 10:31
L7	17	("1896098"   "2126089"   "3112541"   "3276082"   "4023613"   "4903652"   "5005469").PN. OR ("5291862").URPN.	US-PGPUB; USPAT	OR	ON	2010/05/06 10:31
L8	7	("4469060"   "4903652"   "5291862"   "5357921"   "5537969").PN. OR ("5732671").URPN.	US-PGPUB; USPAT	OR	ON	2010/05/06 10:33
L12	4533	((cylinder near4 (sleeve or liner)) same ("needle-like" or spine or "spine- looking" or undercut or segment or project \$3 or elevat\$3 or thickness or var\$4 or constant or (depth))	USPAT; UPAD	ADJ	ON	2010/05/06 10:43

5/ 6/ 2010 10:46:44 AM

C:\ Documents and Settings\ hnguyen34\ My Documents\ EAST\ Workspaces  
 \10589792\_Cylinder Sleeve with shapes of sleeve, casting methods.wsp